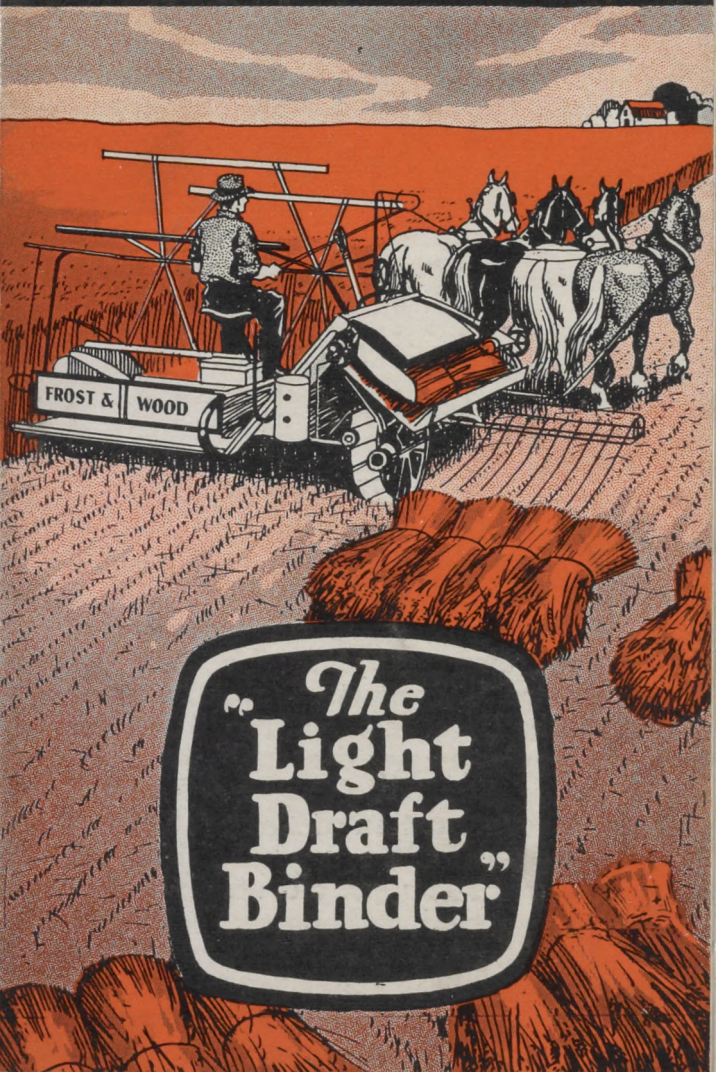


The New
FROST & WOOD
No. 5
BINDER



The
**Light
Draft
Binder**

A Binder Built to meet harvesting conditions in **WESTERN CANADA**

Frost & Wood grain binders have an enviable reputation in the West. It is not an uncommon occurrence to hear owners of these machines make the emphatic statement that they "would drive nothing but a Frost & Wood" or that "The Frost & Wood binder is the only machine to buy!"

The grower's experience in the harvest field prompts him to ask three questions concerning a grain binder. These questions are:—

1. Is It a Light Draft Machine ?

The new Frost & Wood binder is a light draft binder because it is perfectly balanced (an important feature in an implement which must be tilted at different angles while in operation), because it is supplied with roller and ball bearings wherever these are necessary, and because it is equipped with a greater number of grease cups than are generally found in grain binder construction. For proof of the light draft of this machine we can refer you to the testimonials appearing on the back of this folder.

2. Will It Give Dependable Service ?

Frost & Wood binders are used all over the world, and wherever they are used they have established a record for dependable service. In the construction of the Frost & Wood binders, great care is taken

to see that every part, from knife to knotter, will properly perform its function. The same Frost & Wood knotter has been giving dependable service on Frost & Wood binders for twenty years. See the testimonial in this folder from Mr. Joseph Kurtenacher of Humboldt, Sask.

3. Is the Frost & Wood Binder Durable Constructed ?

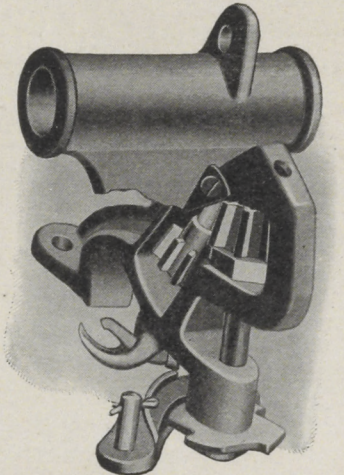
Implement agents in the West, who sell several makes of binders, state that in proportion to the number of machines operating in their territory they are called upon to supply less Frost & Wood repairs than repairs for other machines. Naturally less call for Frost & Wood repairs means that there have been less breakdowns of Frost & Wood machines in the field. In Western Canada the Frost & Wood binder is known as "*the binder of few repairs.*"



Six Frost & Wood Binders at work on the Leitch Bros. Farm at Alexander, Man.

The Frost & Wood Knotter

There are two chief types of binder knotters in use today—those having stripper arms, and those without. The Frost & Wood is equipped with the stripper arm type because the stripper arm, besides releasing the twine from the bill-hook with less liability of breakage, tends to keep the knotter free from loose straws and the twine discs free from cut pieces of twine. This feature is especially valuable when harvesting tangled grain.



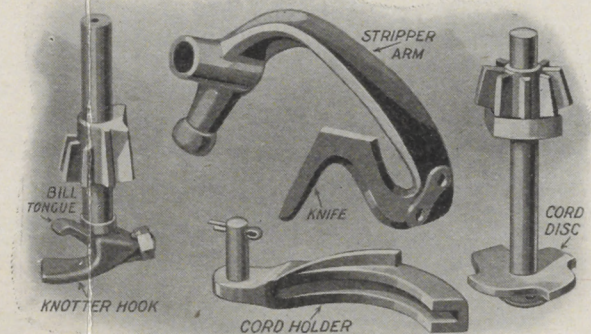
The illustrations here, show the simplicity of this tested knotter. If occasion should ever arise when adjustments to it are necessary, both bill-hook and twine holder adjusting set-screws are easily accessible.

A large bill-hook shaft and a large twine disc shaft (the wearing parts of the knotter) ensure many years of trouble-free service.

The Frost & Wood Knotter is compact, simple and dependable.

Other Points that Recommend the Frost & Wood

Granted that the dependability of the knotter will have a great deal to do with your selection of a binder this year, you will look also for other good points which are vital to its length of service and performance. Turn this page now and post yourself on additional Frost & Wood features.



Note the few simple parts of the Frost & Wood Knotter. Each part is accurately machined to 1-1000th of an inch.

You've Worked and Waited for HARVEST-get every bushel with the **Frost & Wood No. 5 Binder**—

From knife to knottter this Binder is RIGHT!

THE Frost & Wood Binder is a perfectly balanced machine. It has a strong frame, rigidly braced; its reel is positive in action and has a wide range of adjustment for handling crop in any condition; all levers are handy; the platform frame is braced to prevent sagging; the full floating elevators handle any crop with ease, the packers make a perfect sheaf and the unfailing Frost & Wood Knotter does the rest.

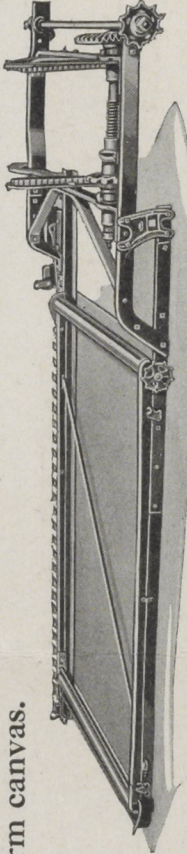
Construction and Draft

To cut large acreages of the heavy prairie crops, a binder must be exceptionally strong and yet—no matter whether horses or tractors are used—scientific attention must be applied to obtain light draft. The Frost & Wood No. 5 Binder is built of exceedingly strong materials—yet it is typically “Frost & Wood” in draft. Micrometers measuring down to one one-thousandth of an inch are used extensively in our factory to get this machine to do its work with the minimum wear and tear on itself or the power that pulls it.

Power Frame and Platform

Note the diagonal brace on the platform. The cutter bar is of the popular Z-bar construction, a type that gives the greatest strength and the least obstruction when gathering lodged grain onto the platform canvas.

The entire frame of this binder is of braced steel, surrounding the main drive wheel and carrying the binding attachment and the elevators.

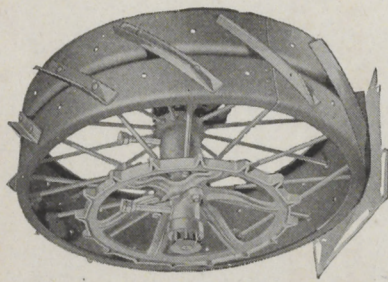


The strong, rigid frame on which the Frost & Wood No. 5 Binder is built.

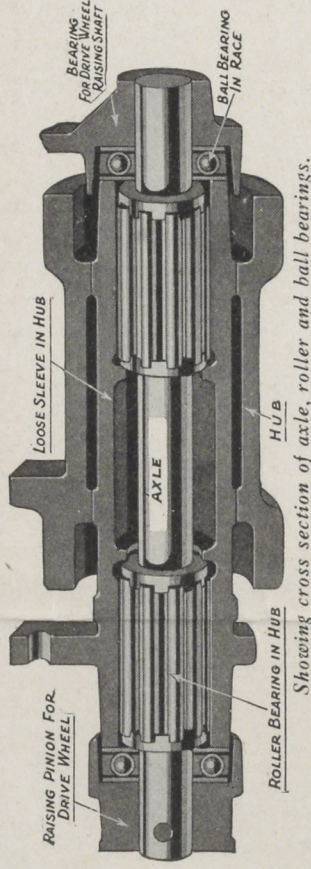
The Main Drive Wheel and Axle

The drive wheel is built with a 10" face of high carbon steel and is provided with heavy steel lugs. The extra width of the face gives it great traction power on soft ground. This feature is an important one in wet harvest years.

The axle of the Frost & Wood No. 5 Binder is an interesting study. The ball thrust bearings at each end are great aids to light draft. The sleeve is detachable and can be replaced when worn. A close examination shows the grease cups on the drive wheel which ensure constant and thorough lubrication.



Note the wide tread and also the grease cups on the axle.

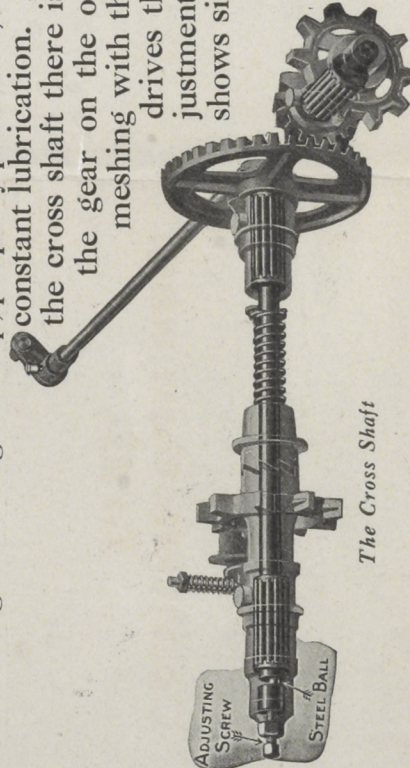


Roller bearing in hub showing cross section of axle, roller and ball bearings.

The Cross Shaft

Note the size and location of the roller bearings used on the Cross and Crank Shafts. They are machined to fit to one one-thousandth of an inch. There is no chance of sand or grit getting into them.

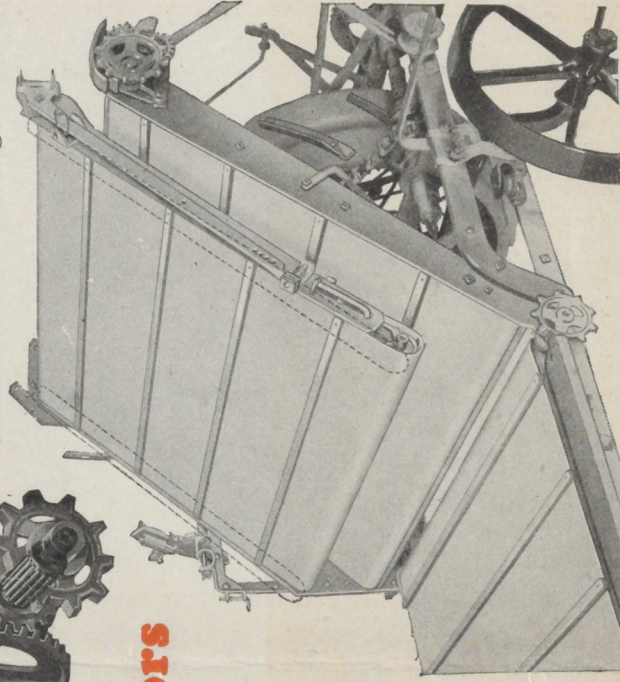
Each bearing has a large oil cup, properly protected, situated above it, so that it receives constant lubrication. At the end of the bearing box on the cross shaft there is an adjusting screw to keep the gear on the other end running smoothly and meshing with the pinion on the crank shaft that drives the pitman. This convenient adjustment can be made any time the gear shows signs of wear, thus saving the purchasing of new castings and keeping the machine running like new.



The Cross Shaft

Full Floating Elevators

In order to keep the canvases running true, elevators must be absolutely square. This squareness is maintained in the Frost & Wood No. 5 Binder by an extra heavy diagonal brace in the lower elevator. Compare the bracing and construction of Frost & Wood elevators with other makes of binder elevators. The upper elevator is of the full floating type, and automatically adjusts itself to heavy or light crops. Both upper and lower elevators over-reach the platform apron in front, thus allowing ample clearance for the grain.



Full floating elevators handle the heaviest or lightest crops with ease.

Handy Shifting Levers

The Frost & Wood No. 5 Binder has an additional feature which means a great deal to ease of operation. All levers are placed directly in front of the operator.



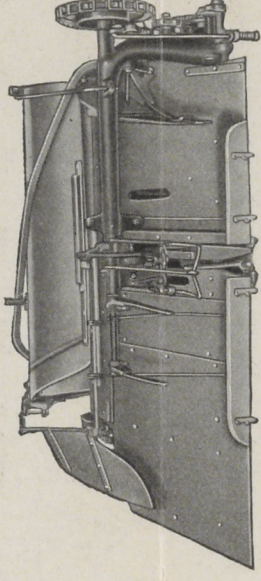
(a) Platform tilting lever.
(b) Reel forward and backward adjusting lever.
(c) Binding attachment shifting lever.
(d) Reel raising lever.
Foot pedals control the sheaf carrier.

Frost & Wood No. 5 Binder.
Built in 6-ft., 7-ft., and 8-ft. widths.

Pitman and Knife The Pitman crank and knife head are almost in line horizontally and an extra long pitman is used. This gives a smoothly running and eliminates all jerking motion. Grease cups keep all moving parts well lubricated.

Binding Attachment

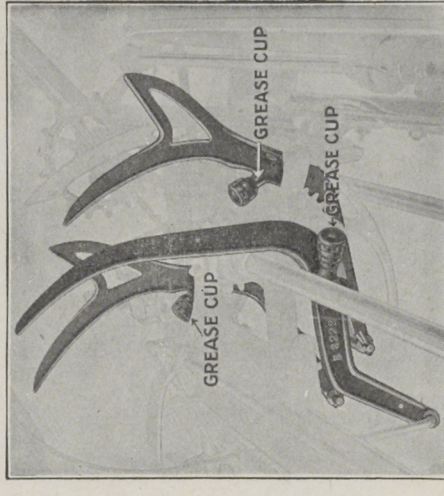
The grain grower knows that a sheaf of grain must be handled many times between the tying of the sheaf and the time when it is threshed; that loose, lop-sided, poorly tied sheaves increase the labor and expense of harvesting. Square butted, compact sheaves of the proper heft, snugly tied, are easier to stook and pitch, easier to handle, than those that are simply thrown together. In the No. 5 Binder, three evenly spaced packer arms feed the grain evenly and squarely to the knottter. Hinged deck-boards, an adjustable butter-board and an inclined head-board firmly hold and shape the sheaf while it is being tied. The position of the butter-board is adjusted by a rod lying near the operator's right hand. The head-board may be hinged up out of the way when long grain is being cut; it does not fold down on the deck where it would catch and strip the heads from long-strawed grain. The tripper arm and the compression arm work independently. In this way a steady pressure is maintained on the sheaf while it is being tied, and a saving of twine is effected.



Grease Cups on Packers

The packers have constant work to perform. Special attention has been given to their construction and operation. The packer shaft is subject to heavy duty at all times—we make it of forged steel. Each packer arm is fitted with a grease cup which insures constant lubrication.

All oil cups on the Frost & Wood No. 5 Binder are easy to get at. Keep them well supplied and you'll find that the machine will work day in and day out without any trouble.



Note the grease cups on the busy packers.

The All Steel Forecarriage

The forecarriage wheels on the Frost & Wood binder turn faster than the tongue, thus making turning easier. Because of the excessive twisting strain to which forecarriages are subjected, we build this one particularly strong and rigid. The short pole is built of steel, and is practically unbreakable. Grease cups are provided on the forecarriage wheels.

Transports

(Supplied as an extra when required)

Transport wheels on Frost & Wood binders are provided with roller bearings. This provision assures that even on its transport wheels the Frost & Wood binder is a light draft binder.

COCKSHUTT PLOW CO. Limited

Winnipeg Regina Saskatoon Calgary Edmonton

The

FROST & WOOD COMPANY

SMITHS FALLS, ONT.

Limited

**These are the
Features You'll
Appreciate in
the
Frost & Wood
Binder**

1. One-piece angle steel platform frame.
2. Ball thrust bearings in each end of drive wheel axle.
3. Detachable sleeve in drive wheel.
4. Large drive wheel with extra broad tread.
5. Elevators supported direct from metal seat pipe.
6. Diagonal brace in lower elevator.
7. Full floating upper elevator.
8. Grease cups on drive wheel, grain wheel, foretruck wheels, packer arms, and pitman crank bearing.
9. Unbreakable steel short pole for forecarriage.
10. Easily operated chain driven reel.
11. All shifting levers handy to operate.

What Owners Think of the Frost & Wood

Wetaskiwin, Alta., Aug. 19, 1926.

I have used a 6' Frost & Wood Binder for the last seventeen years, cutting on an average of 100 acres per year, and I have not spent more than ten dollars on repairs (not including Canvases) during that time. I am entirely satisfied with the machine and shall buy another Frost & Wood Binder when the one I now have will run no longer—which will probably be another two seasons at any rate.

John McCready.

* * *

Waskada, Man., Nov. 24, 1925.

I bought one of your Frost & Wood Binders in 1913 and it is still going strong and has given me first-class satisfaction. It is light draft; will go through any kind of grain without clogging. My next Binder will be Frost & Wood.

John Deeton.

* * *

Kelwood, Man., Nov. 18, 1926.

I have used two of your new No. 4 Binders and am pleased to say they have given me entire satisfaction and can recommend them to any intending purchaser.

I might say that I have found them light draft and a sure knotter.

C. D. Rouse.

* * *

Humboldt, Sask., Dec. 5, 1927.

Cockshutt Plow Co.,
Saskatoon, Sask.

In looking over my correspondence I find two letters from your Company. I appreciate them very much. The Frost & Wood Binder I bought 1919 is still going good. This fall I cut over 300 acres of heavy tangled grain. This binder is good to cut many crops yet. This fall for the first time I bought new Canvas. Cutting 8 crops (each between 200 to 300 acres) with one set of canvas is certainly good. I also take the liberty of saying that your local dealer gives good service. Most of the time he has repairs or gets them in a very short time.

Wishing your Company a successful year 1928, I remain.

Yours truly,

(Sgd.) Joseph Kurtenacker,
Humboldt, Sask.

Use Frost & Wood Canvases and Gen- uine Frost & Wood Repairs on Frost & Wood Binders

Frost & Wood Binder Canvases are made by hand at the factory and are the only canvases which you can confidently count on giving you faultless service. For the sake of a few dollars do not attempt to use other canvases made by disinterested parties to fit the Frost & Wood, and which are claimed to be "just as good."

We are vitally interested in the service you get from your Frost & Wood. We know our canvases are made of the best materials procurable. An hour's delay, due to a defective inferior canvas costs you the difference between a make-shift canvas and a genuine Frost & Wood canvas.

**Genuine Frost & Wood
Canvases and Frost & Wood
Repairs can be obtained from
COCKSHUTT DEALERS**

WESTERN CANADA EDITION